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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/032,143 | |
| | Filing Date | 12/19/2001 | |
| | First Named Inventor | Jason F. Hunzinger | |
| | Art Unit | 2683 | |
| | Examiner Name | Danh C. Le | |
| Total Number of Pages in This Submission | | Attorney Docket Number | 4041L-000085 |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard |
| Remarks | | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|----------------------------------|-------------------------------------|--------------------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name Michael J. Schmidt | Reg. No. 34,007 |
| Signature | | | |
| Date | March 2, 2005 | | |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or printed name | Michael J. Schmidt | Express Mail Label No. | EV 570 162 825 US (3/2/2005) |
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EV 570 162 825 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/032,143
Filing Date: 12/19/2001
Applicant: Jason F. Hunzinger
Group Art Unit: 2683
Examiner: Danh C. Le
Title: INTELLIGENT BASE STATION ANTENNA BEAM-STEERING
USING MOBILE MULTIPATH FEEDBACK
Attorney Docket: 4041L-000085

Director of The United States Patent and Trademark Office
P.O. Box 1450
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RESPONSE TO ELECTION OF SPECIES

Sir:

In response to the Office Action mailed December 13, 2004, Paper No./Mail Date 20041207, please consider the following.

The Examiner has required an election of species pursuant to 35 U.S.C. § 121 to one of the following patentably distinct species:

- I. Claims 1-7, 14-20, 25-32, direct to method for beam steering further comprising using a one bit punctured on a reverse link channel as feedback to indicate quality of a current signal compared to a previous signal.
- II. Claims 8-13, direct to method for processing signal characteristic